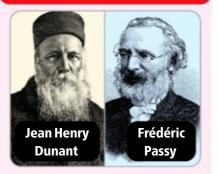




This week's big news



The first peace prize



Jean Henry Dunant of
Switzerland and Frédéric
Passy of France shared the
first Nobel Peace Prize in
1901. Dunant created the
International Red Cross to
help wounded soldiers in
war, regardless of which side
they're on. Passy advanced the
idea that free trade between
nations promotes peace.

Nobel Prize winners announced

Between October 3 and October 10, the 2022 Nobel Prizes were announced. They recognize groundbreaking achievements in six categories and are regarded as some of the world's most prestigious awards.

What are the Nobel Prizes?

The prizes were created by Alfred Nobel, an inventor, entrepreneur, scientist, and businessman who provided money to create the awards after his death in 1896. The prizes celebrate world-changing advancements in chemistry, literature, peace, physics, economics, and medicine or physiology (the study of living systems). Between 1901 and this year, the prizes have been handed

out 615 times to 989 people and organizations. The awards are presented by the Nobel Foundation in Stockholm, Sweden.

How are winners chosen?

Each year, the Nobel Foundation
asks thousands of prominent
people from around the world to
submit nominations for the prizes. These
include government officials, scientists, past Nobel
winners, and professors. After the nominations
are collected, committees at four institutions
choose the winners: the Royal Swedish Academy
of Sciences (for physics, chemistry, and economics),

the Karolinska Institutet (medicine or physiology), the Swedish Academy (literature), and the Norwegian Nobel Committee (peace).

Who won the Nobel Peace Prize?

The 2022 peace prize went to what the foundation called "three outstanding champions of human rights, democracy, and peaceful co-existence in the neighbour countries Belarus, Russia, and Ukraine." One of the winners, Ales Bialiatski, led the push for democracy in Belarus in the 1980s and continues to fight for human rights there, despite being in prison because of his work. The largest human rights group in Russia, called Memorial, also won the prize. Established

in 1987 before the fall of the former Soviet

Union (a group of countries led by Russia), Memorial fights war crimes and government mistreatment of civilians. The third winner, the Center for Civil Liberties, has stood up for democracy and human rights in Ukraine since 2007. Since Russia invaded the nation in February, the group has been documenting war

crimes against Ukrainian civilians.

Who won the other prizes?

Annie Ernaux, a memoir writer from France, won the literature prize, becoming the 17th woman

to receive that award. Three Americans—Ben Bernanke, Douglas Diamond, and Philip Dybvig—won the prize in economic sciences for their research on banks and their role in times of financial crisis. Svante Pääbo of Sweden won for physiology or medicine for his work studying the genes (physical traits passed down from person to person) of Neanderthals. Three scientists— Carolyn R. Bertozzi and K. Barry Sharpless from the US and Morten Meldal from Denmark—shared the chemistry prize. Their work includes "click chemistry," in which molecules (the smallest portion of a substance having the properties of the substance) snap together like Legos. Alain Aspect (France), John F. Clauser (US), and Anton Zeilinger (Austria) won the physics prize for their work studying matter and energy.

What will happen next?

Each prize includes a monetary award of about \$900,000, which is evenly split if there are multiple winners. Each prize winner, known as a Nobel laureate, will also receive a diploma and medal, to be presented in a ceremony in Stockholm in December. This will be the first in-person ceremony held since the Covid-19 pandemic began. Winners from the previous two years, who received their awards virtually, will also be invited to the event.

This week's big news



n October 4, the European Union (EU) passed a law requiring a standard charger for all small electronic devices, such as mobile phones and tablets. The EU is a group of 27 nations, mainly in Europe. The law would require that all devices sold there have a USB Type-C charging port. Consumers would no longer need multiple chargers for different devices and brands, and could choose to buy a device with or without a charger.

The EU said the move is meant to "make products...more sustainable, to reduce electronic waste, and make consumers' lives easier." Chargers create about 11,000 to 13,000 tons of electronic waste and cost consumers about \$247.3 million every year, said EU officials. Some technology companies, including Apple, argued that the new law will affect their product designs and create even more electronic waste.

The legislation needs final approval by EU member nations. If it passes, it will go into effect in 2024. Lawmakers in the US and Brazil have started considering a similar law.



One charger for all devices in EU Greek statue discovered The remains of a statue more than 1 800 years Herrules was a

The remains of a statue more than 1,800 years old have been found in northeastern Greece. Archaeologists (scientists who study objects left by people long ago) announced that the statue depicts the mythical hero Hercules.

The archaeologists, from Aristotle University of Thessaloniki in Greece, were excavating (digging up) the ruins of the ancient city of Philippi when they found pieces of the sculpture. Philippi was founded in 356 BCE and later became part of the Roman Empire. It was abandoned after the Ottomans conquered the area in the 14th century.

The statue was found at the intersection of two streets in what was likely a town square.

The team thinks the statue stood on a building or fountain as decoration. They said the sculpture was unusual because of its quality and size, which they described as "larger than life."

Hercules was a legendary figure in **Greek and Roman** mythology. In Greek, he was known as Heracles. He was

is said to be a protector and champion of the weak.

woman named Alcmene. This made him a demigod: half human, half god, with superhuman strength.

According to legend,

the son of the god Zeus and a human

Hercules completed a series of extremely difficult tasks known as the 12 labors. One was to slay the vicious Nemean lion, whose skin could not be pierced by weapons.

The researchers were able to identify the statue as Hercules because it held the skin of a lion in one hand and a club in the other. On its head was a wreath of vine leaves, which are associated with depictions of Hercules. The team plans to continue excavating the ancient city next year.



IT'S AN AMAZING WEEK FOR

SMASHING A RECORD

New York farmer Scott Andrusz and his sons squashed the competition in a pumpkin weighoff. Their 2,554-pound entry broke records for heaviest pumpkin in the state and in all of North America. Andrusz said the win felt "incredible."





A HAPPY SIGHT

Drivers on a stretch of highway 18 in northwest Oregon are being greeted by a hillside with a gigantic grin. Two local men created the nearly 300-foot-wide face in 2011 by planting larch trees—which turn yellow each fall—among fir, cedar, and hemlock trees, which stay green.

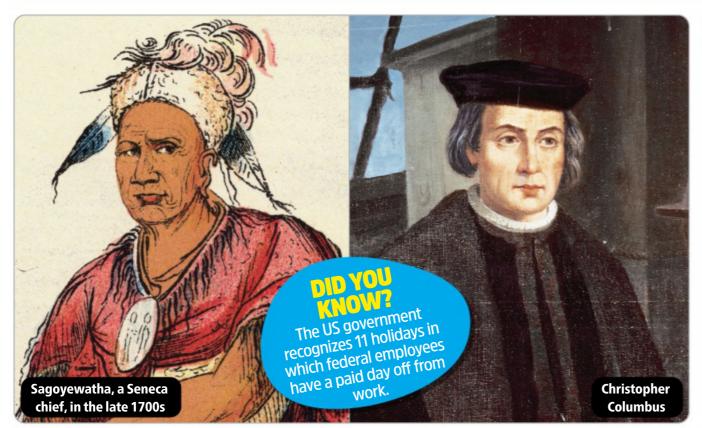
FINDING AN OLD FRIEND

After going missing nine years ago in central California, a cat named Harriet was found on a road in Idaho, more than 1,000 miles away. Rescuers tracked down her owner using Harriet's microchip. The amazed owner, who had searched everywhere for her beloved cat, said, "She definitely has more than nine lives."





National news



The first US holidays



In 1870, the US first recognized four holidays as days off work for federal workers in Washington, DC. They were New Year's Day, Independence Day, Thanksgiving Day, and Christmas Day. In 1885, the law extended to all federal workers. Many companies began to follow the government's lead, giving workers those days off.

October 10 holidays observed

Two US holidays that take place on the second Monday in October were celebrated on October 10 this year. Columbus Day is a federal holiday observed in 37 states. Indigenous Peoples Day is observed by 24 states but not by the federal government.

What is Columbus Day?

This day marks the arrival of Christopher Columbus, an Italian explorer, in the Americas in 1492. He was seeking a direct water route from Europe to Asia and instead became the first European since the Vikings to land in America. He was hailed as a hero for many years, and a federal holiday in his name was established in 1934. It is celebrated with parades and other events.

What is Indigenous Peoples Day?

This day recognizes the contributions of people native to North America. It also highlights struggles they have faced, including those caused by the arrival of Columbus, when war and disease killed hundreds of thousands of Indigenous people. In 1989, South Dakota became the first state to recognize this holiday. In 2021, Joe Biden became the first US President to issue a proclamation commemorating it. Celebrations this year included events at the National Museum of the American Indian in Washington, DC.

Why is there debate about the days?

Some people say that Columbus Day should not be celebrated because of Columbus's historical

legacy, which included enslaving people in the West Indies. Native Americans say that renaming the day as Indigenous Peoples Day recognizes their place in US history. Others believe Columbus Day should be renamed Italian Heritage Day so Italian Americans can celebrate their culture in the US. Others argue that both celebrations should remain.

What happened this year?

People throughout the US celebrated according to their beliefs and traditions. In Chicago, a large crowd turned out for the Columbus Day parade. The city also hosted a two-day festival showcasing Indigenous artists. Two bills that propose making Indigenous Peoples Day a federal holiday are with Congress, but lawmakers have yet to debate them.

WORD OF WEEK

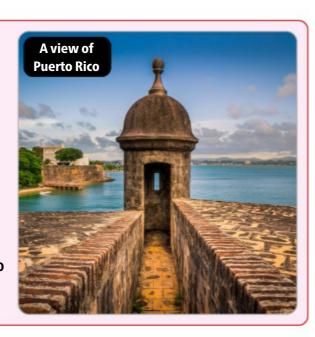
STATUE

A carved figure of a person or animal has been called a "statue" in English since the 14th century. It takes its name from the Latin stare, meaning "to stand." Stare also gave us the words "status," which is a legal "standing," and "statute," which means an established or "standing" law.

THE WEEK IN HISTORY

October 18, 1898

US takes possession of Puerto Rico
On October 18, 1898, the US took possession
of Puerto Rico after defeating Spain in the
Spanish-American War, which had lasted less
than four months. Puerto Rico was the site
of several battles. After signing an armistice
(truce) to end the war, Spain agreed to give
the US control of the island. Today, Puerto Rico
is a US territory. It elects its own leaders and
has a population of more than 3 million.



National news





SpaceX crew launched to ISS

A SpaceX crew launched from Cape Canaveral, Florida, on October 5 and arrived 29 hours later at the International Space Station (a laboratory that orbits 254 miles above the Earth's surface). The crew consisted of two US astronauts—including Commander Nicole Mann, the first Native American woman to go into space—as well as astronauts from Japan and Russia. They will conduct research aboard the ISS for about six months.



Former US President turns 98

Former President Jimmy Carter, America's oldest living and longest living President, turned 98 on October 1. He spent the day celebrating with family and friends in Plains, Georgia, the small town where he and his wife, Rosalynn, 95, were born. Carter, the 39th President, served from 1977 to 1981. In 2002, he won the Nobel Peace Prize for his work fighting for human rights around the world.



Fat Bear Junior winner named

With more than 69,000 votes, a nearly 2-year-old female bear cub known as 909's Yearling was named the junior winner of Fat Bear Week. The contest, held in Katmai National Park in Alaska, determines the bears that have put on the most weight before winter. The adult contest ended on October 11, as *The Week Junior* went to press, and will be covered in next week's issue.



Aaron Judge sets home run record

On October 4, in a game against the Texas Rangers, New York Yankees outfielder Aaron Judge hit his 62nd home run of the 2022 Major League Baseball (MLB) season, breaking a record for the most home runs in an American League (AL) season. The record had stood since 1961.

"I had a good feeling off the bat," Judge said of his record-breaking hit. As the ball soared into the stands, the crowd at Globe
Life Field, which included Judge's parents and wife, rose to its feet in applause. When
Judge, age 30, crossed home plate, his teammates were there clapping in celebration. The record-setting ball was caught by a

fan named Cory Youmans.

Originally from Linden,
California, Judge played college
baseball at Fresno State and was drafted by
the Yankees in 2013. He made his MLB debut in
2016 and has since established himself as one of
the game's brightest stars. In 2017, he was the
AL Rookie of the Year and set an AL record for the

most home runs by a rookie, with 52. He is a four-time All-Star and two-time winner of the AL Silver Slugger award, which is given to the league's best hitter at their position.

Before Judge, the AL home run record was held by Roger Maris (1934–1985), who hit 61 home runs for the New York Yankees in 1961. Prior to Maris, the record was held by the legendary

Babe Ruth (1895–1948), also a Yankee, who hit 60 home runs in 1927.

Judge's 62 home runs make him only the fourth player to hit at least 62 home runs in a single MLB season. The three players who hit more than that were National League players. They hit their home runs before there were rules that banned performance-enhancing substances.

The Yankees are the second seed in the MLB playoffs, so they will automatically make the AL Divisional Series round, which began on October 11. Judge is favored to win the AL Most Valuable Player award, to be announced in November.

THE WEEK'S SILLIEST HEADLINE

"Moose rescued from volleyball net in Colorado" *UPI*





Around the world



Paris, France Paper tickets to end

For more than 120 years, commuters on the Paris Métro (an underground rail system that opened in 1900) have been able to use paper tickets. By 2025, however, they will be replaced by cards or mobile phone tickets. Grégoire Thonnat, author of a book about the history of the ticket, said, "The metro ticket is part of how we picture Paris."



Lake Texcoco, Mexico Farmers try to save traditional food

Mexican farmers are trying to keep a traditional dish alive. Ahuautle consists of eggs harvested from an axayacatl, a type of water fly. People have been eating the dish, also known as "Mexican caviar," for hundreds of years. The delicacy is under threat, however, because Lake Texcoco, where the eggs are found, is starting to dry up and collecting the eggs is difficult work that many people aren't willing to learn.





Bird poop used as fertilizer

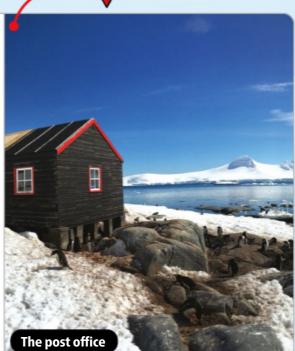
The Russian invasion of Ukraine has led to shortages around the world of imported fertilizer used to help grow crops. In Peru, farmers have turned to using poop (called guano) from fish-eating seabirds on coastal islands as an organic fertilizer instead. One farmer, Segundo Cruz, told The Guardian newspaper, "The guano from the islands is good fertilizer, and the price is reasonable."



Goudier Island, **Antarctica**

Penguin post office reopens

Four women were chosen out of 6,000 people who applied to work at the most remote post office in the world, on Goudier Island in Antarctica. The office is reopening for the first time since the Covid-19 pandemic began, and their jobs will include running its gift shop and counting the island's population of gentoo penguins. The women will spend five months at the location, nicknamed the "Penguin Post Office."



Easter Island, Chile

Fire damages ancient stone statues

A forest fire has damaged the famous moai statues on Easter Island, a territory of Chile in the southeastern Pacific Ocean. Authorities believe the fire was started deliberately and said many of the stone statues are badly damaged. The statues were built by the Rapa Nui people in the 13th century. There are more than 1,000 moai statues on the island.

Around the world





United Kingdom Teens win photo contest

Two teens from China have won the Young
Astronomy Photographer of the Year award from
an observatory in the UK. Zhou Zezhen and Yang
Hanwen, both age 14, won for their photo of the
Andromeda Galaxy, the closest galaxy to the Milky
Way. "I think this photo shows how gorgeous our
nearest neighbor is," Hanwen told CNET.



ės –

Giza, Egypt

Calls to honor climate promise

Officials from African nations met on October 5 to urge richer countries to keep their promise to help poorer nations cope with climate change (the long-term changes in weather patterns, largely due to human activities). In 2009, wealthier countries agreed to provide \$100 billion a year to poorer countries to tackle climate change. African countries said this needs to be addressed in November at the COP27 climate conference in Egypt.





Hong Kong

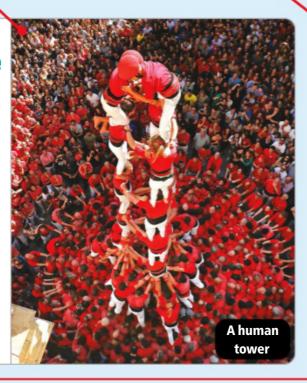
Pink star diamond breaks record

A rare pink diamond, the second largest to appear at auction, sold for a record-breaking \$49.9 million on October 7, more than double the expected price. The Williamson Pink Star diamond was mined in Tanzania, in east Africa. Pink diamonds are a rare type of colored diamond, and geologists (scientists who study rocks and soil to learn about Earth's history) don't know how they become pink.



Catalonia, Spain Human towers rise

Thousands gathered in Tarragona, in northeast Spain, to watch 41 teams build human towers called "castells." The centuries-old event takes place every two years in Catalonia, a region with its own laws and language. Towers are built by people standing on one another's shoulders, with children on the upper ring. A team from Vilafranca won with a human tower nearly 43 feet high, taking home the \$15,624 prize.





Somalia Severe drought worsens

Somalia's worst drought in 40 years has led to thousands of deaths from extreme hunger. The drought has meant farmers have been unable to grow crops. Somalia's government has urged other countries to help, and charities including UNICEF, Oxfam, and Islamic Relief have launched fundraising campaigns to provide people with food, water, and medicine.





The big debate

Is chocolate the best Halloween candy?

Many people think there's no better sweet than chocolate, while others say no way.

What you need to know

- In 2021, Americans spent \$36.9 billion on candy, including \$21.1 billion on chocolate items and \$12.7 billion on non-chocolate candy.
- About \$3 billion of that was spent on Halloween candy alone.
- A 2021 poll conducted by YouGov found that the top five most popular Halloween candies for kids and adults are all chocolate.
- The same poll also found that kids are about 23% more likely to choose fruity candies than adults.

Levery Halloween, Americans buy about 600 million pounds of candy to give out—that adds up to nearly the entire weight of the Empire State Building. From M&M's to Milky Way bars, Skittles to Starburst, there are a ton of different choices for trick-or-treaters (who are sometimes known to dig around in the candy bowl to find their favorite). And at the end of the night, kids across the country count, sort, and trade their candy haul. Many are excited about the chocolatey treats they received, while others are in it for the sour or fruity goodies. What do you think? Is chocolate the best Halloween candy?



Yes—it has everything a candy needs

Chocolate is the classic Halloween candy. In a poll of children ages 8 to 14, nine of their top 10 candies were chocolate. Gummy bears were the only other kind to make the list. Given all the different kinds of chocolate, there's something for everyone. You can choose from dark, milk, or white chocolate, and it can be mixed with everything from nuts to caramel, nougat, or even crispy cookie bars. Besides being delicious, chocolate has health benefits. Dark chocolate has less sugar than regular candy, and all chocolate contains a natural chemical that increases happiness. Can sour candies do that?

No—other candy is fun and flavorful

Chocolate may be a classic, but it's not for everyone. Many chocolate bars have milk and nuts, which are dangerous for people who have allergies. All chocolate candies have the same basic ingredient, and plenty of people don't like the flavor or simply prefer fruity, tangy, or other flavors. Sure, there are different kinds of chocolate candies, but non-chocolate candies can be fun and fruity, come in shapes like fish or worms, taste so sour they make your mouth pucker, or fizz and pop on your tongue. That's the kind of variety you need for successful Halloween candy trading. Chocolate simply can't beat that.

Three reasons why chocolate is the best Halloween candy

- Kids prefer chocolate candies for Halloween—nine out of the 10 most popular candies are chocolate.
- There are so many different varieties of chocolate—it can be sweet, intense, nutty, crunchy, chewy, dark, or creamy.
- Chocolate can have less sugar and actually make people happier.

NO Three reasons why chocolate is not the best Halloween candy

- 1 Chocolate candy often has nuts or milk, which are common allergens. Many people can't eat them.
- Not everyone likes the taste of chocolate, and many prefer fruity or tangy flavors.
- Gummies, sours, and popping candies come in all shapes and styles and are much better for candy trading.

LAST WEEK'S POLL

Last week, we asked if online games should be used in classrooms. Your answers offered a good lesson: 76% of you said yes, and 24% said no.

What do you think?

Now that you've read a bit more about this issue, have a parent or guardian visit theweekjunior.com/polls with you so you can vote in our debate. Vote YES if you think chocolate is the best Halloween candy or NO if you don't. We'll publish the results next week.

The goal of the big debate is to present two sides of an issue fairly in order to stimulate discussion and allow our readers to make up their minds. The views on this page do not reflect those of *The Week Junior*, and the page is not funded by third parties.

Seeking the truth

Robert Costa of CBS will be reporting on the midterm elections this fall.

Robert Costa first became interested in political reporting in his high school newsroom, located in the basement. It was the year 2000, and Costa was the editor of his school paper, covering the Presidential election between George W. Bush and Al Gore. Today, Costa covers politics from the CBS newsroom as the network's chief election and

campaign correspondent.

Costa, age 36, grew up in
Pennsylvania. As a teen he
worked for a local newspaper,
interviewing rock bands in the Philadelphia
area and a member of Congress about the
lraq War. Costa earned a degree in American
Studies from the University of Notre Dame
and then a master's degree in politics from
Cambridge University, in England.

He went on to write for top newspapers such as *The Washington Post*. In describing his current work in TV to *The Week Junior*, he

compared the collaboration among camera people, producers, and correspondents to a football team. "You've got a lot of players, and everyone has to make sure the ball is moving down the field together," he said.

Throughout his career, Costa has sought to make politics accessible, especially to young people. "Politics is everything," he said. "It's how we live our lives and how we choose to govern ourselves as a people."

In trying to keep his reporting unbiased, he said it's not about

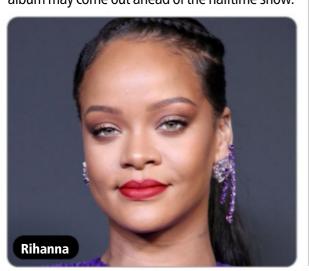
Democrats versus Republicans. "The job as a reporter is to connect issues you're dealing with in your everyday life to the campaign," Costa said. He aims to be tough but fair.

Costa encourages young people to go beyond what's on social media and read books and newspapers. He said, "The most important thing is to remember that you're part of a country that's diverse in its history."



Rihanna's return

The National Football League (NFL) has officially announced that singer and global icon Rihanna will headline the 2023 Super Bowl Halftime Show, which is set to take place in Glendale, Arizona, on February 12. This will be the first public onstage performance by the nine-time Grammy (top music award) winner since 2018. Her last solo album was released in 2016, but she's hinted that a new one is on the way. Industry rumors have suggested the singer's ninth studio album may come out ahead of the halftime show.





Boy becomes art star

Andres Valencia, age 11, is the latest sensation in the art world, with the nickname "Little Picasso." This past summer, Valencia, who is from San Diego, California, sold one of his paintings for \$230,000 at a charity auction in Italy. He began painting at about age 5, standing on a step ladder to paint on large canvases with inspiration from Pablo Picasso to Pokémon. Much of the money earned from the sale of his work has gone to nonprofit organizations. "I'm glad I can make people happy with my art and they can hang it in their homes," he told *The New York Times*.





Animals and the environment



Deep-sea feeders

Like leopard seals, northern elephant seals are strong divers. Elephant seals skip the larger prey, however, and feast on small fish instead. Males can weigh up to 4,500 pounds and females 1,300 pounds. To maintain their large size, elephant seals eat a lot. They dive an average of 1,640 feet up to 2,000 times a day to feed.



Secrets of leopard seals revealed

eopard seals are one of the top predators in
Antarctica, yet little has been known about them
until recently. The animals have been difficult to
research because of their remote

location—the most southern point on Earth—and their solitary nature. Now, though, a team of scientists led by Sarah Kienle of Baylor University has put together the first study comprehensively describing leopard seals' behaviors and physical characteristics. The results show that leopard seals could be well suited to adjust to changes in their environment.

Kienle and her team spent two years studying 22 leopard seals off the Western Antarctic

Peninsula. They weighed and measured the seals and used trackers to monitor their movements.

The researchers found that female leopard seals are 1.5 times the size of male seals. It is

unusual among marine mammals for females to be larger than males, and it is not clear why the female seals are larger.

One possibility is that their size may help them protect their feeding areas or obtain prey.

The scientists also found that leopard seals dive, on average, nearly 100 feet underwater. The depth of

the individual dives varied greatly depending on the seals, with one seal diving more than 4,000 feet below water. Seals also differed greatly in how far they swam. One seal swam about 28 miles, while another swam more than 1,050 miles.

Kienle said that this variation in swimming and diving behavior indicates that leopard seals are flexible in how they move around in their habitats, which could help them adapt to changes in their environment. Antarctica's climate is changing rapidly as the planet heats up. Leopard seals are important because they are apex predators (animals at the top of their food chain). Apex predators play a key role in their ecosystems, helping to keep the populations of other animals under control. They feed on a variety of prey, including fish, seabirds, and other seals.

Kienle is eager to study more populations of leopard seals. She said, "There's so much more to discover about this incredible Antarctic predator."



PLACE OF THE WEEK

Salem, Massachusetts

Leopard seals

can dive deep.

Salem, Massachusetts, was originally the home of Naumkeag, a tribe of Native American people, before it was established as a town in 1626 by English settler Roger Conant. Every October, the city comes alive with Halloween celebrations, such as the Haunted Happenings festival, which draws more than half a million visitors. The city got its spooky reputation because of the Salem Witch Trials of 1692, where people were wrongly tried for practicing witchcraft. Salem is also known for the Salem Maritime National Historic Site, which was the first National Historic Site in the US.



This local raccoon has a natural mask for Halloween.

Animals and the environment





Spiders use tricks to trap ants

ost spiders prefer to eat moths and mosquitoes. However, a small number of species prefer ants, and one spider in particular uses clever acrobatic tricks to prey on them.

A new study has found that one spider in Australia, the Euryopis umbilicata, uses a combination of speed and flips to distract ants, then traps and eats them. To conduct their research, the scientists inspected eucalyptus trees, where the spiders live. They discovered 181 dead ants covered in the spiders' silk thread.

Next, the researchers set up a high-speed video camera and placed ants on the trees. They observed that when a spider detected an ant, it would instantly flip its body over the ant while attaching a silk thread to it. The spider would then circle the ant with thread and carry it away to eat. The spiders trapped the ants 85% of the time—a very high success rate.

Study co-author Marie Herberstein compared the spiders to action-movie stuntpeople. "There's no hit or miss here," she told *The New York Times*. "It's all hit."

Animal of the week

Axoloti



An axolotl (pronounced ack-suh-lot-ul) is a type of salamander that can regenerate (regrow) body parts. A new study looks at how they do this, and scientists think this research could lead to treatments for injuries in humans.

- LIFE SPAN: 10 to 15 years in the wild
- **HABITAT:** Lakes and waterways in Mexico City
- SIZE: An average of 9 inches long
- **DIET:** Worms, insects, small fish, and tadpoles
- FUN FACT: The axolotl has gills like a fish but can also breathe through its skin.



Good week / Bad week



Blue whales

A major shipping company has changed its routes in the Indian Ocean, near the coast of Sri Lanka, to avoid an area where blue whales gather year-round. Collisions with shipping vessels are a threat to blue whales worldwide.



Tricolored bats

Tricolored bats are at a high risk of disappearing from the wild. The biggest reason for the species' decline is whitenose syndrome, a type of white fungus that grows on a bat's nose and wings. It has killed millions of US bats.



"How many types of rabbits are there?" Grace, 12, Texas

Stephanie Hylinski

Zookeeper, Potawatomi Zoo

There are many kinds of rabbits. In the wild, there are 29 species of rabbit around the world. Most are brown and have short fur. There are 49 recognized breeds of domestic (pet) rabbit in the US alone and an unknown number worldwide. They come in many different colors and fur lengths!



Do you have a question for a zookeeper? Send it to *hello@theweekjunior.com*. Find out more about the Potawatomi Zoo in South Bend, Indiana, at <u>potawatomizoo.org</u>.



The history of a fun

People have been dressing up for Halloween for more than 2,000 years.

very October, people wear costumes—from silly to spine-tingling—to celebrate Halloween. Step back in time to see how this creative custom began.



Earliest Halloween costumes

The origins of Halloween go back about 2,000 years to the Celts, a collection of tribes across Europe. They celebrated a festival called Samhain (pronounced SOW-in) on October 31, marking the end of the harvest season and the beginning of winter. The Celts believed that the barrier between the living and the dead overlapped on Samhain, and they dressed as ghosts and witches to keep away spirits. In the 11th century, Christians adopted the holiday and named it All Hallows' Eve.



Costumes catch on in the US

In the 1840s, as Europeans immigrated to the US, they brought the All Hallows' Eve costume tradition with them. In what is thought to be the first official Halloween celebration in the US—in 1920 in Minnesota—children wore costumes in a parade. Other towns soon adopted dressing up for Halloween. Homemade witch, ghost, and skeleton costumes were popular, along with simple paper bags cut out with eye holes.



Dressing up through the decades 1970s

After the movie *Star Wars* came out in 1977, Darth Vader, Princess Leia, and other characters from the film became in-demand costumes.



1980s

Outer space and science fiction were big inspirations. *Ghostbusters* led to supernatural costumes, and when *Alf* became a hit on TV, many people wanted to dress like the furry cat-loving extraterrestrial.



All about Halloween costumes

and spooky tradition



1990s

Characters like Bart and his dad, Homer, from *The Simpsons* were top costume picks in the '90s, along with the teen superheroes from the live-action show *Mighty Morphin Power Rangers*.



2000s

Under the spell of Harry Potter, kids began to dress as the boy wizard and his friends Ron and Hermione. Another top choice: SpongeBob SquarePants, the yellow sponge that lives in a pineapple under the sea.





Pop culture influences

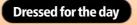
In the 20th century, companies began to make costumes people could buy. Ben Cooper Inc., founded in 1937, was one of the largest Halloween costume manufacturers in the US and made masks based on popular cartoon characters, including Mickey Mouse and Snow White. As television expanded in the 1950s, masks of characters like Davy Crockett, Zorro, and Casper the Friendly Ghost were big sellers. In the 1960s, costumes depicting pop culture figures, including the rock band The Beatles, caught on.



Fun trends today

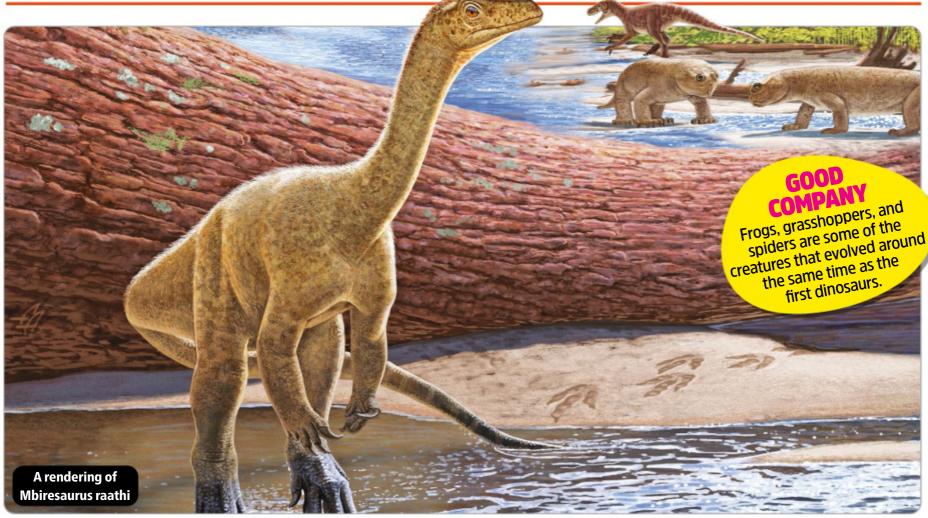
Now Halloween costumes are a huge industry. Entire families dress up together, classmates plan group costumes, and even dogs dress up as pumpkins, monsters, and more. About 215 million Americans celebrate Halloween annually, and nearly half wear costumes. The National Retail

Federation estimates that about \$3.3 billion is spent on costumes each year. Trends in costumes for 2022 include Marvel characters, Barbie, the video game Minecraft, and characters from Disney's Encanto.





Science and technology



Africa's oldest dinosaur found

Scientists in Zimbabwe have discovered the bones of the oldest dinosaur ever found in Africa. Mbiresaurus raathi, which lived more than 230 million years ago, was first uncovered on an expedition to the Zambezi Valley in Zimbabwe in 2017.

Christopher Griffin, who led the expedition, said he found a femur (thigh bone) sticking out of the ground, so he dug around it and noticed a hip bone. "I kept digging, got more of the team to help out, and we recovered nearly the entire skeleton," Griffin said.

The skeleton is almost complete and is only missing part of its skull and some of one hand. This has allowed scientists to learn about the dinosaur and the life it lived beside an ancient river. The dinosaur was a type of sauropodomorph, which are relatives of the sauropods. These huge, longnecked dinosaurs walked on four legs, like the Diplodocus. Mbiresaurus raathi would have been more than 6 feet tall. It ran on two legs, weighed about 66 pounds, and had pointy, jagged teeth to eat plants and small insects and animals.

Mbiresaurus raathi is named after the Mbire district in Zimbabwe, where it was found, and Michael Raath, a paleontologist (scientist who studies fossils) who first found fossils in the region. The find was part of a bigger expedition that uncovered more

animals from the Triassic period (252 million to 201 million years ago).

Members of that expedition also found early mammals, strange beaked reptiles called rhynchosaurs, and evidence of an early meat-eating dinosaur.

The discovery helps scientists understand more about the early dinosaurs that lived when the world was made up of one

supercontinent called Pangaea (see box at right). Fossils from the same period have been found before in South America and in India, which at that time were connected by land to Africa. The discovery helps to explain how the climate and the food available influenced where dinosaurs lived. "It shows that dinosaurs didn't start out worldwide, ruling the world from the very beginning," Griffin told the BBC.

The supercontinent



Earth hasn't always had seven continents.

About 300 million years ago, there was just one huge supercontinent called Pangaea (pronounced pan-JEE-uh). Its name is from the Greek word "pangaia," which means "all the Earth." Parts of the world that are now separated by oceans—like South America and Africa—were connected to one another.

Scientists think that some areas of Pangaea would have been dry like a desert, while others were lush, tropical rainforests full of animals and plants. Pangaea began to break apart during the Early Jurassic Epoch (201 to 174 million years ago), eventually forming the continents we know today.

Science and technology



Breathing exercises can improve health

A new research study found that a deep breathing technique can make people healthier in the same way exercise does.

Study participants used a handheld device while taking 30 breaths a day

for six weeks. The device provided resistance so that each breath required more effort than usual—like sucking air through a straw. This technique, known as inspiratory muscle strength training (IMST), strengthens the muscles used in

breathing, such as the diaphragm. The researchers found that IMST had additional benefits. It increased the function of cells that line blood vessels and promoted blood flow through the

body by about 45%. The deep, forceful

breaths may have also calmed the sympathetic nervous system, which deals with fear and stress. Participants' blood pressure decreased, lowering their risk of heart disease and stroke.

The effect of the breathing exercises

with the device was similar to that of walking, running, biking, or taking blood pressure medications. Scientists say that breath training could be an option for people who can't do those exercises.

Deep breathing without

any device has been shown to be

good for heart health. But the device makes it quicker and easier to get the same benefits. "It was a surprise that something as simple could be so profound in terms of its impact," said one study participant.





A drawing of

human lungs

Farmer digs up a work of ancient art

hile digging up earth to plant olive trees, a farmer in Palestine uncovered a mosaic floor. A mosaic is a type of decorative art made from colorful pieces of material, such as tile or metal, arranged to create a picture.

The mosaic was found in an area of the Middle East called the Gaza Strip. It was made between the 5th and 7th centuries, during the Byzantine Empire (a civilization that existed from 324 to 1453) and

is thought to measure about 250 square feet. The section of the floor that has been revealed so far shows 17 pictures of animals.

"These are the most beautiful mosaic floors discovered in Gaza," archaeologist René Elter told the Associated Press. He warned that the mosaic's location leaves it vulnerable to damage, however, and said a team of professionals should be quickly organized to unearth and preserve the floor.

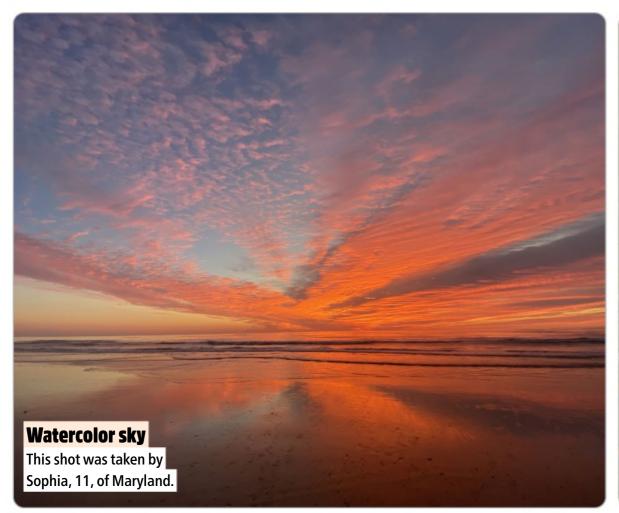


group of emergency medical technicians (EMTs) in Japan are testing out smart glasses that could help with emergency medical care. The Vuzix M400 smart glasses enable EMTs to video chat with doctors, who can observe patients while they're being taken to the hospital.

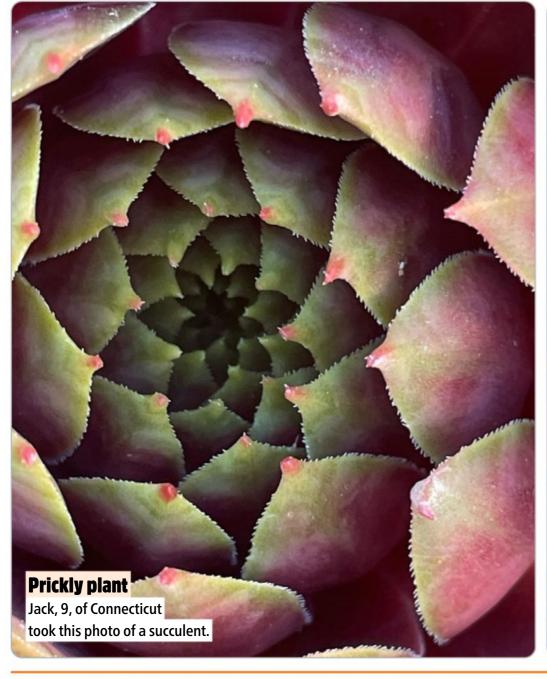
This could help doctors and other health care professionals save valuable time in urgent medical situations. They can recommend treatment options that EMTs can provide while in transit and prepare additional treatment options at the hospital before patients arrive.

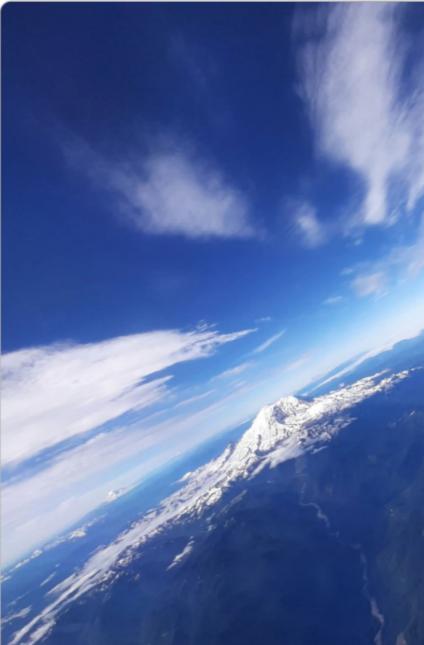


Reader photos of the week









SOPHIA; PRACHI AND PRISHA; OLIVER; JACOB; ELIZABETH; JACK

Reader photos of the week













Sports



Historic location



Wembley is England's national stadium. The original building was open from 1923 until 2000 and hosted the 1948 Olympics, the 1966 World Cup final, and other big events. The new Wembley opened in 2007. It has 90,000 seats and is the country's largest sports venue.

US meets England in women's soccer match

On October 7, women's national soccer teams from the US and England faced off in an exciting exhibition (friendly) match at Wembley Stadium in London, England. The US team (USWNT) is currently number one in the world. England's team, the Lionesses, are ranked fourth and

recently won the European Championship. For the first time in five years, England beat the USWNT, with a final score of 2–1.

Nearly 77,000 fans attended the match. There was so much anticipation that when tickets went on sale, the UK's Football Association website crashed and the match sold out within 24 hours. It was the largest crowd the USWNT has ever had for an exhibition.

Days before the match, a report about abuse within the National Women's Soccer League (NWSL) in the US was released. In a show of unity, the US players, many of whom play in the

NWSL, and the Lionesses met midfield and held a banner that said, "Protect the Players."

The match got off to a hot start. England quickly created a scoring opportunity within the first 10 minutes when Beth Mead, a forward for the Lionesses, swung an aerial ball into the middle of the

scoring box. Despite efforts by the USWNT defense, Lioness forward Lauren Hemp found the loose ball and fired it into the back of the net to take a 1–0 lead. About 20 minutes later, USWNT

midfielder Lindsey Horan forced a turnover in Lioness territory, then passed to forward Sophia Smith, who evened the score at 1–1. Five minutes later, an English attacker was fouled, leading to a penalty kick for the Lionesses. Midfielder Georgia Stanway fired a shot into the bottom right corner, giving her team a 2–1 lead. In the 36th minute, it appeared that USWNT forward Trinity Rodman had scored, but a video review showed a player had been offside so the goal didn't count.

In the second half, both defenses prevented any more scoring opportunities, and the US was unable to make a comeback. Still, there was some excitement for American fans in the 84th minute of the match when forward Alyssa Thompson, who is a 17-year-old high school senior, was subbed in and made her USWNT debut.

THIS WEEK'S WINNERS...

MAJOR LEAGUE BASEBALL

The Wild Card series of the MLB playoffs finished on October 9. In the National League, the San Diego Padres and the Philadelphia Phillies advanced to the divisional round, while the Cleveland Guardians and the Seattle Mariners moved on in the American League. The Guardians clinched their series by beating the Tampa Bay Rays, 1–0, in a 15-inning game.



IRONMAN

Chelsea Sodaro swam, biked, and ran her way to first place in the Ironman World Championship women's race on October 6. She is the first American woman to win since 1996.

DISTANCE RUNNING

On October 9 at the Chicago Marathon, Emily Sisson set a new marathon record for American women, with a time of 2:18:29. She finished in second place, 4:11 behind the women's winner, Ruth Chepngetich of Kenya.

Sports





NHL season begins in Prague

The first two games of the new National Hockey League (NHL) season were played on October 7 and 8 between the Nashville Predators and the San Jose Sharks at the O2 Arena in Prague, Czech Republic. The games were part of the NHL Global Series, which are international regular season games. There had not been any since 2019. The games boost the NHL's profile abroad and give the league's European players a chance to play closer to their hometowns. The Predators won the first game, 4–1, and the second game, 3–2.

In the first game, Predators left wing Kiefer Sherwood opened the scoring one minute into play. Less than 10 minutes later, Sharks forward Tomas Hertl, who is from Prague, evened the score at 1–1. Just over a minute into the second period, Predators right wing Eeli Tolvanen fired a

shot that gave his team the lead. They went up 3–1 later in the period thanks to a spectacular goal by right wing Nino Neiderreiter. Predators goalie Juuse Saros made 30 saves throughout the contest, playing a major role in the team's win.

In the October 8 game, most of the action came during an exciting second period. San Jose began it with a 1–0 lead, but about four and a half minutes in, Nashville's Niederreiter tied it up. Ten seconds later, Sharks center Logan Couture scored. The Predators tied it up once more, then Niederreiter delivered another goal to give his team the 3–2 lead they held the rest of the game.

The NHL season is now fully underway in North America. Next month, the Columbus Blue Jackets and the Colorado Avalanche will play two NHL Global Series games in Finland.





Ben Vander Plas

AGE: 24 SPORT: BASKETBALL TEAM: UNIVERSITY OF VIRGINIA

Early Start My dad played basketball in college and was a high school coach. I'd see his players who were happy to be playing basketball, and that's something I tried to emulate.

Top moments In 2021, my former team won the Mid-American Conference Tournament. Last year, I was the Academic All-American of the Year and on the First Team Academic All-America.

Tough time Earlier in my college career, I didn't believe in myself and started to lose joy in the game. I talked to a teammate who is one of my best friends about it, and he helped me remember to be thankful for the opportunity and to keep working hard.

Mental motivation I'm a big Green Bay Packers fan, and one thing I do before most of my games is watch a YouTube highlight reel of Packers quarterback Aaron Rodgers. It gets me pumped up.

Game plans Control what you can control, like your effort and your attitude. Sometimes your shots won't fall and that's OK. I also remember that wins and losses are never as good or as bad as they seem. Losing happens to everybody.

Big dreams A goal we all have here at UVA is to win the Atlantic Coast Conference (ACC) tournament and hopefully win a national championship. I think we're capable of it.

Wise words Basketball isn't about scoring all the points. You can be a really, really good player by doing other things: playing defense, being a good passer or rebounder, being a good teammate, and just playing hard at all times.



COACH OF THE WEEK

Coach's Name: **Jocelyn Elliott (Master Instructor)**

Team: Omniform Martial Arts at Carson Elementary

"I have been taking karate for a year with Coach
Jocelyn, and she is awesome! She makes me excited to
jump rope more, so I can get better at karate and earn
jump roping badges. Coach Jocelyn is a kind and caring
teacher who helps me feel strong and makes me want to help the
world in a fun way. I want to make peace in the world so everyone can be in
their rightful home." Judah, 8, Colorado

To nominate a Coach of the Week, send your coach's name, photo, sport, and team to *hello@ theweekjunior.com*. Include your name, age, state, and a few reasons why your coach is great.



Arts and entertainment



Air and Space Museum reopens

Renovations are ongoing, but visitors can now return to the Smithsonian's National Air and Space Museum in Washington, DC.

Back in March, the flagship building of the Smithsonian's National Air and Space Museum in Washington, DC, closed for renovations. On October 14, the museum's West End reopened to visitors. It is filled with eight new and updated galleries.

The Air and Space Museum contains artifacts related to aviation and space exploration. Major objects on display include the Wright Flyer (the first successful powered airplane with a pilot) and the Apollo 11 command module,

Columbia, which carried the Apollo 11 astronauts to the Moon and back. Jeremy Kinney, the museum's head curator (person who selects objects), told *The Week Junior* that the museum is now "a much more vibrant place" and said the

 $new\ exhibition\ spaces\ are\ very\ interactive.$

Among the open exhibitions are Early Flight, Destination Moon, and a gallery about exploring the planets.
One of the new exhibitions is Nation of Speed. It explores America's quest to be the fastest on land, in the air, in space, and on water. For the first time, visitors will be able to see a Sonic

Wind rocket sled from the 1950s. It was powered by nine rocket motors and could travel more than 600 miles per hour. Kinney explained that as the limits of aviation were being tested, people on the ground got creative with how they used rocket technology so they could "really understand how humans can survive in high-speed flight."

Going forward, Kinney said a new goal of the museum is to share more stories about the men and women who are part of aerospace history. They were young and old, with different heritages and backgrounds. "We're making sure that we inspire people with technology, but we're also inspiring them to see themselves," he said.

3 objects to check out



Star Wars vehicle

The museum recognizes that science fiction often sparks people's interests in air and space. Now there is an X-wing Starfighter from *Star Wars: The Rise of Skywalker* (shown above being restored) outside the museum's planetarium.

Jackie Cochran's plane

The museum

entrance

Cochran was a pilot who broke many speed, altitude, and distance records. In 1953, she became the first female pilot to fly faster than the speed of sound. The T-38 plane she used is now on display for the first time.





A flying lion

Roscoe Turner, an air racer in the 1930s, flew with a lion cub named Gilmore to get attention. Over nine months, Gilmore logged more than 25,000 miles. His body, which has been preserved, is part of the museum's collection.

Arts and entertainment





The Week Junior talks to author

Author Chris Colfer is celebrating the 10th anniversary of his best-selling book series *The Land of Stories*. The books follow twins who go to a magical land filled with fairy tale characters. *The Week Junior's* Junior Council member Poppy, 10, spoke to Colfer about his journey as an author and a new, special illustrated edition of his first book, *The Land of Stories: The Wishing Spell*.

As a child, what were your favorite stories and how did they inspire your books?

I had a very hard time reading because I was dyslexic. [Dyslexia is a learning disability that makes it more challenging to read and spell.] I had to focus really hard. Books like the *Harry Potter* series and *The Chronicles of Narnia* series

captivated my attention and made it a lot easier. Growing up, I had so many questions about fairy tales. My mom said, "Write your own." I started when I was about 19.

Tell me about the new edition of the book.

Each chapter has a full-page illustration by Brandon Dorman. The pages are gold, so when light hits them, it looks like the book is glowing.

What do you hope readers take away from *The Land of Stories* series?

I hope they have an adventure and the books inspire kids to be creative and compassionate.

What are you working on now?

My first science fiction book series. It has aliens and spaceships instead of fairies and castles.



MOVIE NIGHT

If you're looking for a film to watch with family or friends, consider this pick of the week.

The Curse of Bridge Hollow (2022) Netflix









Running with the Beest (PBS Nature)

The great wildebeest migration in East Africa is the largest herd movement of animals on Earth. This documentary gives viewers an up-close look at the event as it follows two guides who have spent the past 10 years tracking wildebeest as they travel through Kenya.



Wolfboy and the Everything Factory (Apple TV+)

This animated series follows William Wolfe, a boy who discovers the magical, Spryte-filled realm where everything on Earth is made. While there, he assumes the identity of Wolfboy. In the new second season, he and his Spryte friends must unite forces of creation and destruction.



Floor Is Lava (Netflix)

The hit competition series — where teams of three people navigate rooms of obstacles without touching the fake lava-covered floor — is back for a third season. The goal is still to race to the top of a slippery volcano in a quest to win \$10,000 and a cool lava lamp trophy.

On screen



Play trombone in a hit game

Trombone Champ is a unique new music rhythm game for the PC. It is similar to the hits Guitar Hero and Rock Band, where gamers play an instrument by following scrolling "notes" on a screen. Since its release last month, Trombone Champ has gone viral on social media thanks to players posting videos of their performances online.

A trombone is a brass instrument made of tubes bent into an S shape. To play one, a trombonist (not "tromboner," a term in the game) blows air into the mouthpiece while sliding a tube to make it longer or shorter, changing the notes. Trombone Champ creator Dan Vecchitto said he came up with the idea for the game because he thought it would be funny to see someone play a rubber trombone attached to an arcade cabinet.

Playing the trombone in the game only requires moving a mouse and tapping on a keyboard. It has more than 25 songs for players to master, such as the national anthem and "Skip to My Lou." Players are awarded points based on how well they keep up with the music. The game has a sense of humor, and images of horses and baboons fill the screen while you

play. Words like "perfecto" and "meh" also pop up to let you know how you're doing. In free play mode, you can make up tunes.

Professional trombonists have played Trombone Champ and enjoyed it. After testing it for *The New York Times*, James Buckle, a trombonist for the Philharmonia Orchestra in London, UK, said, "If it raises awareness or means anyone wants to pick up the trombone, it's a great thing."

PODCAST # WEEK

THE ADVENTURES OF CAIRO

Wondery, Apple Podcasts, Spotify
Cairo Carter is a 7-year-old living with his mom,
dad, and brother in a big city. Each episode
of this series centers around Cairo's daily
experiences at home or in school. He learns
valuable lessons, such as the importance of
sharing or standing up for friends.



© CHANNEL ∰ WEEK



LEARN BRIGHT

youtube.com/c/LearnBright

This popular YouTube channel has been around since 2015 and offers fun videos that cover a range of fascinating topics. You'll be able to boost your knowledge about dinosaurs, ancient Greece, how the brain works, what makes sharks special, and much more.

WEBSITE OF THE WEEK

NASA CLIMATE KIDS

climatekids.nasa.gov

The US space agency, NASA, created this website to help kids understand changes happening on Earth and find out about people working to protect it. It also covers topics such as the weather, oceans, and energy and is filled with interactive games and quizzes.



HOLY WOW STUDIOS (2); WONDERY; NASA; LEARN BRIGHT

Book club





BOOK OF THE WEEK

The Midnight Children

By Dan Gemeinhart (Henry Holt and Company)

It's the middle of the night, when Ravani looks out his window. He sees several children with suitcases get out of a truck and go to the house across the street. One child stays on the sidewalk, and Ravani can tell she's crying. The next day, Ravani leaves a present on the doorstep for the girl, who is named Virginia. Ravani, who has never had a friend and is bullied by kids, becomes friends with Virginia. She has a way of knowing what Ravani is feeling inside. Virginia entrusts Ravani with a family secret. If it's exposed, her family will have to move again. Ravani keeps his word, but the secret comes out. He hatches a plan to avoid losing his only friend. Like the author's previous book, The Remarkable Journey of Coyote Sunrise, this story is very emotional.

IN A BOOK!

We're giving away five copies of The Midnight Children.

For a chance to win, send your name and address to contests@theweekjunior .com with Midnight in the subject line. Enter by midnight on November 4. See theweekjunior.com/ terms for complete rules.



Dan Gemeinhart

We spoke to the author of *The Midnight Children*.

Growing up, were you like Ravani in any way?

Sometimes I was very much like Ravani when I was a child. I was quiet and introverted, and my family moved around a lot. So I was the new kid in school, and I would feel friendless and lonely.

What's one writing tip that has helped you?

Don't worry about a story being good. Have fun

writing. If you like how the story is coming out, then you can work on making it good.

What was your favorite book as a child?

Hatchet, by Gary Paulsen. It's just a classic.

What do you enjoy most about fall?

Taking a fall hike. We have really beautiful falls after having had hot summers.

Favorite thing to cook?

Tacos—everyone likes them.

4 spooky stories to enjoy for Halloween

You'll get goosebumps from the witches. ghosts, and evil creatures in these titles.



Spooky Sleuths: The Ghost Tree

By Natasha Deen, illustrated by Lissy Marlin

(Random House Books for Young Readers) In this first book of a new series of ghost

stories, an evil tree takes control of Asim's teacher. Will he and his friends be able to save the teacher—and their town? The book contains many eerie illustrations. *Ages 7–10*



1-2-3 **Scream!**

By R.U. Ginns, illustrated by J. Espila (Delacorte Press)

This collection of short stories is

both silly and scary. One is about a girl who ages in dog years. Other stories feature an evil bobblehead and a killer candy machine. The book would be fun to read aloud at a campfire or sleepover. The humor may remind you of Roald Dahl's stories. Ages 8 and up



The Glass Witch

By Lindsay Puckett

(Scholastic Press)

Adelaide comes from a family of witches. Her mom sends her

to live with her grandmother because an old curse prevents three family members from living in the same town. She's upset and sets off a spell that turns her bones to glass and stirs up a 300-year-old witch hunter. Can she reverse the spell before midnight? Ages 8–12



Ravenfall

By Kalyn Josephson (Delacorte Press) This is the first book in a spellbinding fantasy series.

When Colin comes to the inn owned by Annabella's family, she recognizes him from a vision. The two teenagers must find a supernatural creature by Halloween night. If they work together, can they prevent the destruction of their world? Ages 10 and up



Walk Two Moons By Sharon Creech

"This book is about Sal, a girl on a road trip with her grandparents. They are going to visit her mother in Lewiston, Idaho. As they drive, Sal tells the story of Phoebe, the friend she met when she moved to Ohio with her father. As Sal tells the story, she and her grandparents go on adventures throughout the US. This book is interesting and entertaining, but it has a bittersweet ending." Hannah, 10, New Mexico Do you have a book to recommend? Send your review to hello@theweekjunior.com.







How to...



Decorate pumpkins

Glue on

These creative jack-o'-lantern ideas don't require any carving.

Carving a pumpkin is a popular way to celebrate Halloween, but you can also enjoy decorating one without carving it. You can get even more creative with your pumpkins when you use paint, paper, markers, and natural items, said Jodi Levine, a professional crafter who creates *The Week Junior's* crafts. She shares her favorite tips here.

Choose an awesome pumpkin

Classic round pumpkins are reliably fun to decorate, but Levine also recommends considering pumpkins that have unusual shapes. If you have a tall pumpkin, you could paint it white and add a face to create a spooky ghost. If you come across a "snake squash," you could paint it to look like a snake, which could be creepy to put by your front door.

Raid your craft bin

When you go through the art supplies you have at home, you may be inspired to decorate your pumpkin a certain way. If you have leftover googly eyes from another craft, you could paste a bunch onto one pumpkin. Buttons, craft paper, wrapom-poms, glitter—if you mix them together you could create an imaginary creature like a fairy. Old pumparty streamers could be used to wrap a pumpkin, creating a colorful mummy. Head outside and look eyeld

for fallen leaves, acorns, and pinecones. You could glue them to your pumpkin in a pattern. "Think of a pumpkin as a blank slate that you can decorate in any way you choose," said Levine.

Consider extra supplies

To paint a pumpkin, you'll want to use acrylic paint, which can be purchased online or at a craft store.

Acrylic paint will stick to a pumpkin better than other types of craft paint and hold its color, said Levine. You could also consider covering a pumpkin in black

chalkboard paint and then making chalk drawings on it. Adhesive glue dots work well for gluing items such as paper, fabric, and leaves on a pumpkin.

Create a group

If you have a few pumpkins, you can paint them each a solid color. Then draw Halloween shapes, such as a moon, a witch's hat, and a cat, on construction paper. Cut them out and glue them onto each

pumpkin. If you have a leftover spider web covering that you used outdoors on bushes or trees, you could wrap pumpkins in the covering and then add plastic spiders on top of each one. Or stack two or three pumpkins on top of one another to create a person, then decorate it as a goblin or witch. Glue on fake eyeballs or plastic teeth to make a spooky face.

4 tips for picking a perfect pumpkin

These expert ideas will help you choose and keep a pumpkin that stays fresh until Halloween.

Inspect the outside.

A fresh pumpkin should feel solid to the to

solid to the touch.

Pumpkins that have soft or sunken spots may already be starting to decay. Try to avoid pumpkins that have cracks on the skin, too.

Assess the stem.

The pumpkin's stem is a good indicator of freshness. Look for a pumpkin that has a firm and bright green stem. A dry, shriveled stem could mean the pumpkin was

Check for color.

picked a while ago.

If you choose a traditional orange pumpkin, look for one that's a deep shade of orange. The color should be mostly the same all over the vegetable, which shows it was picked at peak ripeness.



your pumpkin at its base with your arms. Avoid carrying your pumpkin by its stem. If the stem breaks off, the pumpkin will soon start to decay.



Craft up some spooky lanterns

What you need

- Colored tissue paper
- Scissors
- Cup
- White glue
- Paintbrush
- Large glass jars
- Black construction paper
- White crepe paper streamers
- Battery-operated tea lights
- Adhesive dots
- Hole punch

Instructions

- **1.** To make the pumpkin and bat silhouette lanterns, start by cutting a strip of tissue paper large enough to wrap around your jar. It doesn't have to be perfect!
- **2.** In a cup, mix a big squirt of glue with about the same amount of water and stir until you have a thin glue.
- **3.** Paint the jar with the glue mixture and wrap the jar with the tissue strip. Once it is wrapped around, paint some glue mixture over the tissue paper. You can use the brush to gently nudge out any air bubbles. Allow it to dry.
- **4.** Cut shapes out of the black paper, like a jack-o'-lantern face or bats. Paint the glue mixture onto the back and

- press the shapes onto the jar and let dry. Place a batteryoperated tea light inside for display.
- **5.** To make a mummy lantern, cut white streamers in half the long way to get skinny streamers. Place an adhesive dot on one end of the streamer and wrap the jar, leaving a spot for eyes. When you reach the end, adhere it to the jar with another dot. You can then wrap the jar in a different direction with another streamer.
- **6.** To make eyes, punch two black dots out of the black cardstock and glue them to the jar. Display with a battery-operated tea light inside.



Create cupcake blobs

Ingredients

- 12 plain cupcakes, baked
- 1¾ cups white frosting
- 1 cup green
- candy melts4 teaspoons

vegetable oil

- Candy eyes
- Green pearl sprinkles
- Green nonpareils

In 1796, an American cookbook contained a recipe for "a cake to be baked in small cups."

Instructions

- 1. Cover the top of each cupcake with frosting. In a microwave-safe bowl, combine the candy melts with the vegetable oil. Microwave the mixture at half power for 1 minute. Stir it, then continue to heat it in 10-second bursts, stirring vigorously between each heating, until the candy is melted.
- 2. Working with one cupcake at a time, spoon some of the melted candy onto the top of the cupcake, creating a blob shape. If you like, use a pointed tip of a toothpick to gently spread and smooth the surface of the melted candy.
- **3.** Scatter candy eyes, sprinkles, and nonpareils onto the candy, as shown. Repeat with the remaining cupcakes, candy, and sprinkles.



LAKE CITY.

Once you have completed the crossword, transfer the letters in the yellow boxes, in order, into the boxes below to get the answer to the

Keyword question.

- 1 Object with six square sides
- 3 Spirits in a haunted house
- Common response to the question "What's new?"
- 9 What a plus sign instructs you to do
- 10 "Button your_ _" (phrase that means "Don't say anything")
- 12 Witch's harsh laugh
- 15 Relative who is the child of an aunt or uncle
- 16 Opposite of peace
- 18 It fills a balloon or your lungs
- 19 Dangerous weather event sometimes called a twister
- Devils
- 22 Structures built by spiders

Keyword crossword



10

	15							16	
17									
18				19				20	
						2			
21							22		
Keyword question: What are the results if you've									

gone through horripilation?

1 You might light one during a blackout or put one



in a jack-o'-lantern 2 Cave-dwelling flying mammal

- 4 Scraggly woman like the one who tricks Hansel and Gretel
- 5 Like the end of the pool you can stand up in
- 6 Coke and Pepsi are this kind of beverage
- 7 Zodiac sign symbolized by two fish
- Write code for an app
- 13 Yellow songbird
- Quidditch players ride them
- Hotel room straightener
- 19 Soak up sun on the beach
- 20 Gorilla or orangutan

replaced with a substit	tute. The same substitutions are used
throughout the list.	
Hint: Fyen, X here is	

In this coded list of scary animals, every letter has been

an uncoded K. Use the letter patterns you find to crack the code. (NEED ANOTHER HINT? Check the bottom of the page.)

GNDWX
R D W D M R C Q D
K
WDRROFGMDXF

Hit or miss

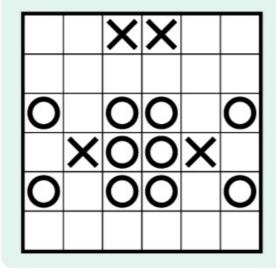
Sort this list into three familiar three-part

phrases, like THREE-RING CIRCUS or SALT

KIDS BAR CUPS SOUR WAY

BUTTER PATCH MILKY PEANUT

Place an X or O in each empty square so there are never more than three X's or O's in a row across, down, or diagonally. Hint: If you find three in a row of one letter, you can put the other letter into the spaces at either end.



Spot the difference These two pictures of jack-o'-lanterns appear to be the same, but take a closer look. There are actually five differences. Can you see them?





That's unbelievable!



Icelanders give baby birds a hand

Residents of Iceland's Westman Islands have an uncommon tradition: puffin tossing. And it's helping to save a species. Baby puffins, called pufflings, are born on land and rely on their instincts to follow the moonlight to sea. However, lights from a nearby town can confuse them. So a puffin patrol helps redirect them to their destination. Adults and children walk around looking for lost pufflings, then gently toss the birds off a cliff into the ocean. One rescuer said that, for the locals, "it's as normal to do as recycling cans."

Reaching crater heights

If you like Guinness World Records, you'll lava this: Two daredevils have earned a title for the longest walk on a slackline (narrow piece of fabric stretched across a gap, similar to a tightrope) over an active volcano. Alexander Schulz and Rafael Bridi who also holds a record for the highest slackline walk—crossed an 856-footlong line suspended 137 feet above the Mount Yasur volcano in Vanuatu, an island nation in the Pacific Ocean.



Slime solves a crime

The floor is lava!

Officials thought a large snail in Germany's Düsseldorf airport was a toy...until it started moving. They followed the trail of slime it had left and found six bags containing 93 giant African snails, which were being smuggled (moved illegally) from Nigeria to Germany. They also found smuggled meat and fish. The snails were handed over to an animal rescue.



The 60-year-old Spider-Man

People enjoy celebrating their birthdays in different ways, but Alain Robert's 60th birthday plans were more unusual than most. Robert, also known as the "French Spider-Man," climbed to the top of the 48-story Tour TotalEnergies skyscraper near Paris, France, without ropes or a harness. "I want to send people the message that being 60 is nothing," he told reporters. "You can still do [sports], be active, do fabulous things." Is this real or are we spinning a web of lies?*



Roaming alligator gets a lift

A Texas man was shocked when he saw a 12-foot alligator emerge from under a vehicle and walk down the middle of a road. It is becoming more common for alligators to stray into areas inhabited by people, as humans take up more space and build roads and houses in the animals' territory. In order to safely move the massive creature, authorities had to call a tow truck to pick it up. Police officer Mark Herman wrote on social media, "See you later, alligator!"

climbed the Eiffel Tower in Paris and the Sydney Opera House in Australia. reached the top in just 60 minutes. He loves climbing, and in the past he has also *Real! It's the 12th time Robert has climbed the 613-foot-high building. He



Your turn

Editor's note

In October 2020, we published a
Big Debate that asked a key
question about a controversial
Halloween treat: "Is candy corn
yum or yuck?" We couldn't wait
to see how our readers would vote.

When we tallied the results, we discovered that

candy corn is a hit: 72% said yum vs. 28% for yuck. In this issue's debate, we pose another crucial query: "Is chocolate the best Halloween candy?" (p8). What do you think? I hope you'll read both sides

of the debate and cast your vote at theweekjunior.com/polls. I also hope you'll enjoy the rest of this issue's Halloween content, marked with our "Boo! 2022" icon. We have a special feature on costumes (p12), a list of spooky books (p23), and two pages of festive activities (p24-25), including a recipe for cupcake blobs. And don't miss the bat on our back cover! We wish you lots of fun on October 31.

Andrea Barbalich
Editor-in-Chief

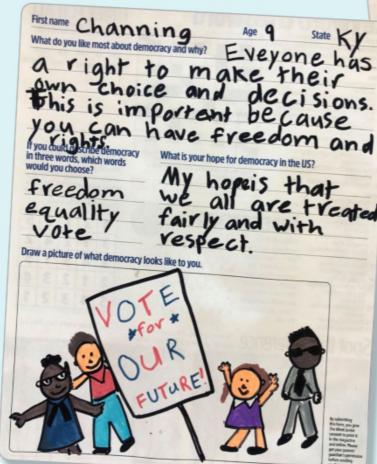
CHARITY OF THE WEEK PREE FOOD BENGGRACY FOR ALL WYDE CENTRED BAG-OUR-VOTE VOT BERG FOOD BAG-OUR-VOTE

Pizza to the Polls

This organization aims to provide food to people voting in US elections. It works with local restaurants across the country to hand out free pizza and snacks to people who are waiting in long lines to cast their vote. During the 2020 elections, the group delivered more than 70,000 pizzas to more than 3,000 polling stations in 48 states. Find out more at polls.pizza.

FROM OUR READERS: CELEBRATING DEMOCRACY

In Issue 127, we published a form and invited readers to tell us what they think about democracy. Here are some of the submissions we received. If you would like to fill one out, extra forms can be found at theweekjunior.com/activities. To share yours with us, ask an adult to email it to hello@theweekjunior.com.



What do you like most about democracy and wing.

The forthink a bout how The Cho
People are Making Can Make the labeled a better Place.

The wou could describe democracy three words, which words ould you choose?

Interesting
Fun
Fun
Fair

Draw a picture of what democracy looks like to you.

Spelling

ANNUAL COMPETITION

Enter our Winter Cover Contest!

If you would like to see your artwork on the cover of *The Week Junior*, now is your chance! At right is the winning cover from our 2020 contest. The drawing form and consent form that are needed to enter can be found at theweekjunior.com/activities. Entries will be judged on creativity, originality, and how well they reflect the winter theme and *The Week Junior*. Be sure your artwork is in color! When you're done, have a parent fill out the consent form. The consent form and a digital image of your artwork should be emailed to covercontest@theweekjunior.com. The deadline to apply is November 4!

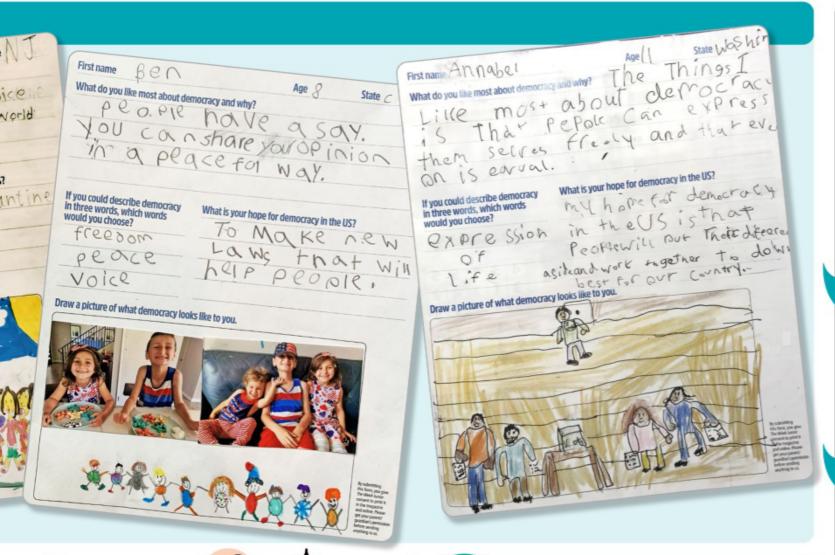


THE WEEK IT'S YOUR TURN

Email your news, views, and photos to hello@theweekjunior.com.

Your turn





POPJAM

Sign up and follow @theweekjuniorus on PopJam, a social media platform for kids 7–12. Ask an adult to download the app from iTunes or Google Play.

We asked: What is your favorite musical instrument?

"The piano, because it is calming and smooth."

'Drums. I like the peats that they

"Cello, because when I was little, I used to listen to it to help me fall asleep."

'Violin, because I love playing it.'

In the big debate, we asked: Should online games be used in classrooms?

"Yes. Games help us enjoy class!"

Only if they are schoolappropriate, but they don't necessarily have to be educational.'

"Yes, if we finish our work."

Now tell us: Do you think candy corn is yum or yuck and why?

Teacher's Name: Mrs. Gaines

School: Southport 6th Grade Academy

"Mrs. Gaines is always showing us fun connections to our math. She is a super-fun teacher to have, and she made going into sixth grade super fun. She has her own fitness club for girls, which is awesome. She is super organized and helps you be organized. She's one of the best teachers I've had!"

Sadie, 11, Indiana

Nominate your teacher for Teacher of the Week! Send your reason for the nomination, a photo of your teacher, and your school's name and address to hello@theweekjunior.com.

Puzzle answers (from page 26)



Keyword answer: goose bumps

Code cracker shark tarantula

Three for all **Sour Patch Kids** Milky Way bar peanut butter cups



U B E G H O S T S
A P A A H O O

TORNADO

Quiz answers (from page 30)

c) Puffins **2** 1961 **3**c) Charging port **4** True **5**c) 2018 **6** Zimbabwe c) Trombone **8** True **9** b) Georgia **10** False. He dug up a mosaic floor. Columbia **12** a) Minnesota **13** The Nobel Peace Prize **14** False. They are gold. **15** 909's Yearling

We want to hear from you! To have your letters, photos, nominations, recommendations, or ideas considered for inclusion in the magazine, please include your full name, age, and state with your submission. By emailing your submission to us, you give The Week Junior consent to publish it in the magazine and online. Please get your parent/guardian's permission before sending anything to us.

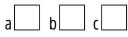
Quiz of the week

How much of this week's news can you remember?

1 People in Iceland's Westman Islands have a tradition of tossing what birds?				
a) Ducks b) Loons c) Puffins				
a b c				
2 New York Yankees outfielder Aaron Judge broke a home run record that was set in what year?				

3 The European Union will require all small devices to have what same component?

a) Screen b) Headphones c) Charging port

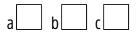


4 True or false? Leopard seal females are bigger than males.



5 The 2023 Super Bowl halftime show will be Rihanna's first onstage performance since what year?

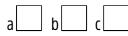
a) 2021 b) 2020 c) 2018



6 The oldest dinosaur fossil ever found in Africa was discovered in what country?

7 What brass instrument do people play in a new video game that has gone viral?

a) Saxophone b) Tuba c) Trombone

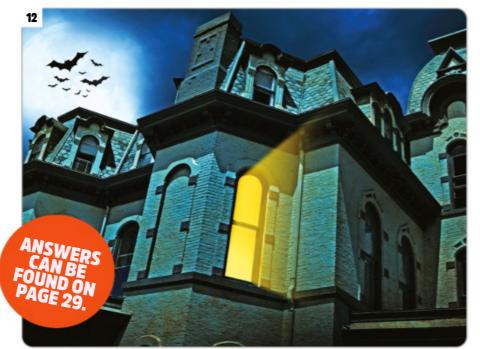


8 True or false? An axolotl can regrow its body parts.













9 Former President Jimmy Carter and his wife, Rosalynn, were born in a small town in what state?

a) Arkansas b) Georgia c) Tennessee

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10 True or false? A farmer in Palestine dug up a statue that was created during the Byzantine Empire.



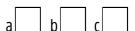
11 What is the name of the Apollo 11 command module that carried astronauts to the Moon?

12 The first official Halloween celebration in the US was thought to have been held in what state in 1920?

a) Minnesota

b) Missouri

c) Mississippi



13 What major prize was awarded to human rights activists from Belarus, Russia. and Ukraine?

14 True or false? A special edition of the book *The Land of Stories: The Wishing Spell* has pages that are silver.

True	False	
ii ac	 i disc	

15 What is the name of the bear cub in Alaska that won the Fat Bear Week Junior contest?

THE WEEK

Editor-in-chief: Andrea Barbalich
Executive editor: Mindy Walker
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Contributors: Stephanie Abramson, Lily Alt, Karen Cicero, Erica Clark, Stacy Cousino, Susie Dent, Truman Devitt, Dave Howard, Joy Howard, Jodi Levine, Ruth Margolis, Bari Nan Cohen Rothchild, Melisa Russo, Liz Callahan Schnabolk, Asha Sridhar, Jordan Zakarin

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Senior VP: Sophie Wybrew-Bond
Managing director, news: Richard Campbell
VP, consumer marketing: Nina La France
Consumer marketing director: Leslie Guarnieri
Head of growth marketing: Colleen Ho

Group publisher: Paul Vizza (paul.vizza@futurenet.com)
Account director: Mary Gallagher (mary.gallagher@futurenet.com)
US manufacturing and distribution manager: Lori Crook

Reader submissions: hello@theweekjunior.com
Customer service: TWJcustserv@cdsfulfillment.com
Editorial news: news@theweekjunior.com
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